

Form 603
Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme VIRALYTICS LIMITED

ACN/ARSN 010 657 351

1. Details of substantial holder (1)

Name Morgan Stanley and its subsidiaries listed in Annexure A

ACN/ARSN (if applicable) Not Applicable

The holder became a substantial holder on November 28, 2017

The holder became aware on November 30, 2017

2. Details of voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ordinary Shares	12,686,219	12,686,219	5.27%
			Based on 240,924,252 Ordinary Shares Outstanding

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Morgan Stanley & Co. International plc	Holder of securities subject to an obligation to return under a securities lending agreement. Right as lender to recall the shares under a securities lending arrangement.	1,412,976 Ordinary Shares
Morgan Stanley & Co. International plc	Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses. Right as lender to recall the shares under a securities lending arrangement.	11,159,711 Ordinary Shares
Morgan Stanley Australia Securities Limited	Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses.	113,532 Ordinary Shares
Each of the entities (as listed in Annexure A) in the Morgan Stanley group upstream of the above entities	Each of the above entities is a body corporate that each upstream entity controls and therefore has the relevant interests that the above entities collectively have.	12,686,219 Ordinary Shares (N.B.: Total of the above direct interest)

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
Morgan Stanley Australia Securities Limited	Morgan Stanley Australia Securities (Nominee) Pty Limited	Not Applicable	113,532 Ordinary Shares

Morgan Stanley & Co. International plc	Unknown	Not Applicable	12,572,687 Ordinary Shares
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5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number interest of securities
		Cash	Non-cash	
Morgan Stanley Australia Securities Limited	07/28/2017	28.38	Buy	33 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/28/2017	45.85	Buy	53 Ordinary Shares
Morgan Stanley Australia Securities Limited	07/28/2017	34.80	Buy	40 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/08/2017	24.94	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/08/2017	25.09	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/09/2017	58.14	Buy	68 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/10/2017	918.63	Buy	1,062 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/10/2017	923.94	Buy	1,062 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/10/2017	47.30	Buy	55 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2017	306.90	Buy	341 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/15/2017	595.18	Buy	665 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/16/2017	2,511.00	Buy	2,790 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/16/2017	266.05	Buy	313 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/17/2017	615.76	Buy	688 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/18/2017	26,102.45	Buy	29,253 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/18/2017	16,953.70	Buy	19,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2017	23,037.87	Buy	25,833 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/21/2017	14,268.80	Buy	16,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2017	474.22	Buy	524 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2017	589.72	Buy	641 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2017	525.07	Buy	577 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2017	527.96	Buy	577 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2017	25,008.54	Buy	27,287 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2017	39,409.50	Buy	43,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/22/2017	1,947.64	Buy	2,117 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/23/2017	59,215.00	Buy	65,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/23/2017	37,813.79	Buy	41,508 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/24/2017	547.40	Buy	595 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/24/2017	34,652.20	Buy	38,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/24/2017	22,191.09	Buy	24,335 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/25/2017	593.40	Buy	645 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/25/2017	4,533.86	Buy	5,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/25/2017	6,327.79	Buy	6,982 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/28/2017	1,947.64	Buy	2,117 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/28/2017	50,623.07	Buy	55,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/28/2017	79,156.08	Buy	86,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/29/2017	2,195.73	Buy	2,361 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/29/2017	37,943.84	Buy	41,087 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/30/2017	3,133.81	Buy	3,325 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/30/2017	72,709.71	Buy	77,806 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/31/2017	2,812.48	Buy	2,992 Ordinary Shares
Morgan Stanley Australia Securities Limited	08/31/2017	18,579.49	Buy	19,852 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/01/2017	18,918.00	Buy	20,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/04/2017	141,101.05	Buy	159,187 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/05/2017	73,528.46	Buy	83,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/05/2017	2,174.40	Buy	2,416 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/05/2017	338.55	Buy	366 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/05/2017	915.00	Buy	1,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/06/2017	4,607.46	Buy	5,148 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/08/2017	45.00	Buy	50 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/11/2017	3,118.80	Buy	3,390 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/12/2017	2,609.82	Buy	2,916 Ordinary Shares

Morgan Stanley Australia Securities Limited	09/13/2017	210.60	Buy	234 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/13/2017	2,352.06	Buy	2,628 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/14/2017	188.13	Buy	215 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/14/2017	566.04	Buy	636 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/14/2017	556.67	Buy	629 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/14/2017	369.60	Buy	420 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/14/2017	620.33	Buy	697 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/18/2017	11.25	Buy	13 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/20/2017	1,723.47	Buy	1,981 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/20/2017	49.31	Buy	57 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/20/2017	76.54	Buy	89 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/20/2017	209.13	Buy	239 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/20/2017	151.38	Buy	174 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/21/2017	1,049.75	Buy	1,235 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/22/2017	594.21	Buy	683 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/22/2017	153.72	Buy	183 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/22/2017	1,079.67	Buy	1,241 Ordinary Shares
Morgan Stanley Australia Securities Limited	09/29/2017	1,107.59	Buy	1,359 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/02/2017	1,110.28	Buy	1,354 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/02/2017	326.36	Buy	398 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/04/2017	318.33	Buy	393 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/05/2017	341.01	Buy	421 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/05/2017	1,127.26	Buy	1,436 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/06/2017	392.80	Buy	491 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/06/2017	1,374.32	Buy	1,676 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/06/2017	12,405.12	Buy	15,489 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/09/2017	1,341.36	Buy	1,656 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/10/2017	1,354.56	Buy	1,632 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/10/2017	71,785.36	Buy	87,412 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2017	47,540.15	Buy	56,849 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2017	6,467.19	Buy	7,875 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/16/2017	1,747.20	Buy	2,080 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2017	415.00	Buy	500 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2017	780.64	Buy	952 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2017	8,106.47	Buy	9,993 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2017	2,584.41	Buy	3,147 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2017	267.32	Buy	328 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2017	274.70	Buy	335 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2017	1,347.69	Buy	1,614 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2017	76.80	Buy	96 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/20/2017	92.58	Buy	115 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/20/2017	110.70	Buy	135 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/20/2017	268.14	Buy	329 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/23/2017	186.30	Buy	230 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2017	335.38	Buy	409 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2017	298.48	Buy	364 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2017	149.76	Buy	192 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2017	380.78	Buy	482 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2017	1,313.34	Buy	1,652 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/30/2017	376.04	Buy	476 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/30/2017	1,238.93	Buy	1,609 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2017	64.26	Buy	84 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2017	1,150.37	Buy	1,447 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2017	396.09	Buy	486 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2017	126.40	Buy	160 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2017	1,298.24	Buy	1,633 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/03/2017	1,308.60	Buy	1,667 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2017	421.19	Buy	547 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2017	320.32	Buy	416 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2017	735.93	Buy	962 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2017	365.56	Buy	481 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/13/2017	1,405.90	Buy	1,654 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2017	557.78	Buy	668 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/16/2017	235.62	Buy	308 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/16/2017	234.08	Buy	308 Ordinary Shares

Morgan Stanley Australia Securities Limited	11/20/2017	378.14	Buy	518 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/20/2017	133.40	Buy	184 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/20/2017	0.72	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2017	13.68	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2017	372.40	Buy	532 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2017	171.11	Buy	241 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2017	1,566.72	Buy	2,176 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2017	286.72	Buy	401 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/23/2017	2,098.05	Buy	2,955 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/23/2017	25.74	Buy	36 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/24/2017	2,313.50	Buy	3,305 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/27/2017	1,161.27	Buy	1,683 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/27/2017	1,531.78	Buy	2,204 Ordinary Shares
Morgan Stanley & Co. International plc	11/28/2017	N/A	Collateral Received	1,412,976 Ordinary Shares

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
Morgan Stanley Australia Securities Limited	Is a body corporate controlled by each upstream entity as listed in Annexure A
Morgan Stanley & Co. International plc	Is a body corporate controlled by each upstream entity as listed in Annexure A

7. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Morgan Stanley	1585 Broadway, New York 10036, USA
Morgan Stanley Australia Securities Limited	Level 39 Chifley Tower, 2 Chifley Square, Sydney NSW 2000, Australia
Morgan Stanley & Co. International plc	25 Cabot Square Canary Wharf, London, E14 4QA, United Kingdom

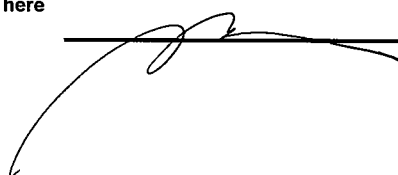
Signature

print name Annie Gong

capacity Executive Director

sign here

date November 30, 2017



Annexure A

List of Morgan Stanley and its subsidiaries that have a relevant interest or deemed to have a relevant interest in the shares or units stated in Section 3.

Name	
└─	Morgan Stanley
└─	└─ Morgan Stanley International Holdings Inc.
└─	└─└─ Morgan Stanley International Limited
└─	└─└─ Morgan Stanley Investments (UK)
└─	└─└─└─ Morgan Stanley & Co. International plc
└─	└─ Morgan Stanley International Incorporated
└─	└─└─ Morgan Stanley (Australia) Securities Holdings Pty Limited
└─	└─└─└─ Morgan Stanley Australia Securities Limited

Signature

print name	Annie Gong	capacity	Executive Director
sign here		date	November 30, 2017

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown."
- (9) Details of the consideration must include any and all benefits, moneys and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

GUIDE

This guide does not form part of the prescribed form and is included by ASIC to assist you in completing and lodging form 603.

Signature

This form must be signed by either a director or a secretary of the substantial holder.

Lodging period

Nil

Lodging Fee

Nil

Other forms to be completed

Nil

Additional information

- (a) If additional space is required to complete a question, the information may be included on a separate piece of paper annexed to the form.
- (b) This notice must be given to a listed company, or the responsible entity for a listed managed investment scheme. A copy of this notice must also be given to each relevant securities exchange.
- (c) The person must give a copy of this notice:
 - (i) within 2 business days after they become aware of the information; or
 - (ii) by 9.30 am on the next trading day of the relevant securities exchange after they become aware of the information if:
 - (A) a takeover bid is made for voting shares in the company or voting interests in the scheme; and
 - (B) the person becomes aware of the information during the bid period.

Annexures

To make any annexure conform to the regulations, you must

- 1 use A4 size paper of white or light pastel colour with a margin of at least 10mm on all sides
- 2 show the corporation name and ACN or ARBN
- 3 number the pages consecutively
- 4 print or type in BLOCK letters in dark blue or black ink so that the document is clearly legible when photocopied
- 5 identify the annexure with a mark such as A, B, C, etc
- 6 endorse the annexure with the words:
This is annexure (mark) of (number) pages referred to in form (form number and title)
- 7 sign and date the annexure.

The annexure must be signed by the same person(s) who signed the form.

Information in this guide is intended as a guide only. Please consult your accountant or solicitor for further advice.

Annexure B

This is Annexure B referred to in the Form 603: Notice of becoming a substantial holder issued by Morgan Stanley and its subsidiaries. The following is description of the securities lending agreements referenced in the accompanying Form 603.

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and FUJI MEDIA HOLDINGS, INC
Transfer Date	20171128;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail The Borrower is entitled at any time to terminate a Loan and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.	
Does the lender have the right to recall early?	Yes/No
If yes, detail The Lender is entitled to terminate a Loan and to call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the Loaned Securities were originally delivered.	
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions If the Borrower does not redeliver Equivalent Securities in accordance with the Agreement, the Lender may by written notice to Borrower terminate the Loan forthwith and the Parties' delivery and payment obligations in respect thereof.	

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and ROTHESAY LIFE PLC
Transfer Date	20171128;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail The Borrower is entitled at any time to terminate a Loan and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.	
Does the lender have the right to recall early?	Yes/No
If yes, detail The Lender is entitled to terminate a Loan and to call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the Loaned Securities were originally delivered.	
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions If the Borrower does not redeliver Equivalent Securities in accordance with the Agreement, the Lender may by written notice to Borrower terminate the Loan forthwith and the Parties' delivery and payment obligations in respect thereof.	

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and THE BANK OF NEW YORK MELLON TRUST (JAPAN), LTD.
Transfer Date	20171128;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail The Borrower is entitled at any time to terminate a Loan and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.	
Does the lender have the right to recall early?	Yes/No
If yes, detail The Lender is entitled to terminate a Loan and to call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the Loaned Securities were originally delivered.	

Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions If the Borrower does not redeliver Equivalent Securities in accordance with the Agreement, the Lender may by written notice to Borrower terminate the Loan forthwith and the Parties' delivery and payment obligations in respect thereof.	

Schedule	
Type of Agreement	Global Master Repurchase Agreement
Parties to agreement	Morgan Stanley & Co. International plc and DEKABANK DEUTSCHE GIROZENTRALE
Transfer Date	20171128;
Holder of Voting Rights	Buyer in relation to Purchased Securities and the transferee in the case of Margin Securities.
Are there any restrictions on voting rights?	Yes/No
If yes, detail Buyer, in the case of Purchased Securities, and transferee, in the case of Margin Securities, shall use its best endeavours to arrange for voting rights of that kind to be exercised in relation to the relevant number of securities of that kind in accordance with the instructions of the other party provided that it holds such Securities and the other party shall have notified Buyer or transferee, as the case may be, of its instructions no later than seven Business Days prior to the date the votes are exercisable.	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail Either party may terminate on demand Transactions on notice of not less than the minimum period as is customarily required for the settlement or delivery of the Equivalent Securities. If Seller requests and Buyer agrees, Transaction may be varied such that Buyer transfers Securities equivalent to the Purchased Securities to the Seller in exchange for the transfer of other securities as agreed.	
Does the lender have the right to recall early?	Yes/No
If yes, detail Either party may terminate on demand Transactions on notice of not less than the minimum period as is customarily required for the settlement or delivery of the Equivalent Securities.	
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions If an Event of Default occurs with respect to either party, the Parties' obligation to deliver Equivalent Securities and Equivalent Margin Securities will cease. The Non-defaulting party will calculate the Default Market Value of Equivalent Securities and Equivalent Margin Securities, set off the sums due from one party to another, and only the balance of the account shall be payable.	

Schedule	
Type of Agreement	Global Master Repurchase Agreement
Parties to agreement	Morgan Stanley & Co. International plc and LYB FINANCE COMPANY BV
Transfer Date	20171128;
Holder of Voting Rights	Buyer in relation to Purchased Securities and the transferee in the case of Margin Securities.
Are there any restrictions on voting rights?	Yes/No
If yes, detail Buyer, in the case of Purchased Securities, and transferee, in the case of Margin Securities, shall use its best endeavours to arrange for voting rights of that kind to be exercised in relation to the relevant number of securities of that kind in accordance with the instructions of the other party provided that it holds such Securities and the other party shall have notified Buyer or transferee, as the case may be, of its instructions no later than seven Business Days prior to the date the votes are exercisable.	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail Either party may terminate on demand Transactions on notice of not less than the minimum period as is customarily required for the settlement or delivery of the Equivalent Securities. If Seller requests and Buyer agrees, Transaction may be varied such that Buyer transfers Securities equivalent to the Purchased Securities to the Seller in exchange for the transfer of other securities as agreed.	
Does the lender have the right to recall early?	Yes/No
If yes, detail Either party may terminate on demand Transactions on notice of not less than the minimum period as is customarily required for the settlement or delivery of the Equivalent Securities.	
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions If an Event of Default occurs with respect to either party, the Parties' obligation to deliver Equivalent Securities and Equivalent Margin Securities will cease. The Non-defaulting party will calculate the Default Market Value of Equivalent Securities and Equivalent Margin Securities, set off the sums due from one party to another, and only the balance of the account shall be payable.	

The above schedules are based on the relevant standard agreements. The entity filing the report will, if requested by the company or responsible entity to whom the prescribed form must be given or ASIC, give a copy of the agreement to the company, responsible entity or ASIC.

Signature

print name Annie Gong

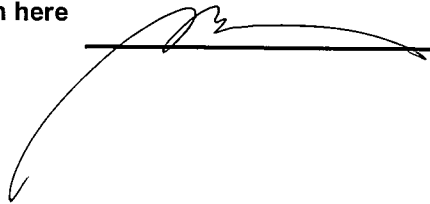
capacity

Executive Director

sign here

date

November 30, 2017

A handwritten signature in black ink, appearing to be 'Annie Gong', is written over a horizontal line. A curved arrow points from the signature down towards the 'sign here' label.

